

3000 BC

Phoenicians migrate to
eastern Mediterranean.

C3000ABC

The letter "c"

The Egyptians wrote with
a picture symbol that
represented a boomerang.



C 3000 BC

Stonehenge (in Salisbury Plain)
origins lie in the NEOLITHIC
age, some 5000 yrs ago.
The most celebrated monument
in the world

< 3000 BC → 100 AD

Ancient Druids were priests who flourished in Celtic Britain from perhaps as early as the 3rd cen BC. until 1st cen AD. They apparently worshipped many gods in rituals performed near lakes and rivers.

Modern recent evidence indicates Stonehenge predates Druidism.

3000 BC

CALAC, Peru 120 mi from Lima
People ate squash, sweet potatoes
and beans. Diverted rivers to
trenches & canals for irrigation
(Found no maize or other grains)
Found great quantities of COTTON SEEDS;
FIBERS; & TEXTILES

3000 B.C.

Since 3000 B.C., the Tigris & Euphrates rivers have filled filled up the Persian for a distance of 160 miles.

Every yr the region near the river mouths ~~are~~^{is} covered by a thin layer of fertile land.

3000 BC

By 3000 BC Babylonians were using pieces of gold, silver, bronze & lead in trading

3000 BC

In the Bronze Age, writing
was invented.

3000 BC

China

The earliest vestiges of Chinese Architecture, (excavated in 1973) date back to the primitive society 7,000 yrs ago. Among the findings are wooden frames joined with mortar and Tenon.

c 3000BC

The first great Architect IMHOTEP
(who lived almost 5000 yrs ago) is also
the first scientist in history known
to us by name today.

China and Sumeria and Babylon
did not record names of their
early architects.

3000 BC

Pharaohs were building barges big enough to haul blocks of granite downriver (north) from Aswan for their pyramids.

3000 BC +

In Arizona near Winslow is the greatest meteoric crater in the U.S. The Crater (almost circular) is 4,200 ft across and 570 ft deep.

At the rim, rock has been lifted 120 ft. Blocks of rock weighing 7,000 tons have been moved. Several deep holes have been drilled. NO

huge mountains has been found.

3000 BC

Man of Reman
discovered

[Sept 19, 1991]

"Reman" laid down on top of
seps and died. Preserved
until ~~1993~~ ^{Sept 1991} when his body
was found. Clothes

Copper Axe. Few pcs of charcoal
Lats 200 or 300 5 ft 3"

Leather shoes stuffed with grass
on border between ~~Switzerland~~ ^{Switzerland} Austrian
Italian Border. Had a dagger & sheath

10,530 ft up

To melt copper from ore, a number
of iron bars holding sticks, blew O_2
into the furnace the copper melted
@ 1981°F

3000 BC

The binary number system was first mentioned in a Chinese book written about 3000 BC.

3000 BC

Bronze first used to make tools
in Near East.

3000 BC

At the Dawn of Ancient Egypt, some 5,000 yrs ago, the first kings seized control of Nile traffic at a spot where the river narrowed to about 1 mile across. Their settlement became the city of Memphis. Saggara served as the national cemetery.

307013 c

City Life spreads to the Nile Valley

3000BC

The Southern Cross was
visible from as far north as
Montreal. Due to Precession
It is visible in 1996 in
Bromsville & Florida Keys.

3000 BC

HINDUISM.

Traditional religion of India
developed from c 3000 BC.

Requires acceptance of Vedic
scriptures (1400-800 BC)
and Upanishads (from 800 BC)
and acceptance of Hindu
social system.

3000 BC

nine different cities of Troy
range from 3000 BC to the
Roman city of New Ilium in
the early 6th cen BC.

The historical Trojans may have
Luwians (an Anatolian people)
who became vassals of the
Hittites)

c 3000 BC

HARP

Stringed instrument in frame,
played from c 3000 BC in Ancient
Egypt and Mesopotamia.
Arrived in Europe c 1050

1810 - The double-pedal harp
was invented in Europe,
France in 1810.

3000 BC

Writing material had been made
from the pith of the papyrus
plant as early as 3000 BC, in
Eg & pt.

It was exported in large
quantities to Phoenicia

3000 BC

The first house of prostitution
on record may have been Ka-Kum
located in the city of Erech (or Uruk)
in Sumer

$\frac{3000}{5} R = 3K \text{ Iron}$

5000 Y A

3000 BC

Copper Age

3000 BC

The first house of prostitution
may have been Ka-Kum
located in the city of Erech (Uruk)
in Sumer

C 3000 Bc

In desert at ABYDOS is the
SHUNET el-ZEABIB - a vast
rectangular mud-brick structure
404 x 210 ft. Walls up to 16 ft
thick

3000-2000 BC

Early Bronze Age
in Aegean region

3000 → 2000 BC

Early Minoan Culture

Early Helladic culture
of Aegean

3000 BC

Proto-Indo-European
Neolithic age. Indo-Europeans living
in north central Europe.

Indo-European undifferentiated
except dialectally

3000 BC

Cuneiform

Ancient Sumerian and Mesopotamian
script writing, originated as
picture writing

3000 BC - 1000 BC

CNOSSOS (KNOSSOS)

Ancient city in north Crete;
center of Minoan civilization

3000 BC

Books (written or printed record
of some length) began 3000 BC
as clay tablets

3000 → 2360 B C

Beginning of Sumerian Culture
Classical period

In northern Mesopotamia, the mixture of Semitic immigrants and the native population gives rise to the Assyrians

3000 → 500 BC

Indo European

Proto-Germanic

Extensive migration of Indo-European speakers to India - Greece, and Western Europe.

Differentiation of Indo-European language families, including Germanic. Earliest documents in Sanskrit, Greek, etc.

3000 BC \Rightarrow AD 75

The cuneiform writing system
flourished in the Near East from
before 3000 BC to AD 75.

3000 B.C.

Bronze first used to make
tools in Near East.

3000 BC \rightarrow 1000 BC

Bronze Age

3000BC

5,000 YA

Metal-using cultures

3000 BC

Because of Precession
Alpha Draconis was the
Polestar in northern
hemisphere

c 3000 BC

Mongolian tribes coming from
the West invaded China and formed
the people we know as the
Chinese

30006c

The 1st house of prostitution
on record may have been
KA-KUM located in
the city of ERECT (or URUUK)

C 3000 BC

ARYAN RACE :

Were a people living in early times
between Caspian Sea & mountains of
India

From them have sprung the HINDOOS,
GREEKS, ITALIANS, and nearly
all European nations

Some words are used for
the same things

C 3000 B C

Fourth Dynasty in Egypt
Pyramid King Cheops, Kheops,
Menkaura. Great Pyramid was
built by Cheops for his tomb
the Sphinx was built in
this time also.

3000 BC

A primitive pottery called
Homonware was developed in
China

C30003C

Duncan:Cal

Dec 1998

The kingdoms of the Nile united politically, launching a complex and homogeneous civilization with a central authority and religion that persisted with few breaks for 3000 yrs, until the death of Cleopatra

C3000BC

Egyptians used the heliacal rising of Sirius established their Cal. of 365 days divided into 12 mos of 30 d. each with 5 feast days at the end of the year.

Every 4 years the Cal. was 1 day short and every 1460 years, it righted itself. This period was called the Sothic-period.

1912 Dates J-BK

3000 BC

Mesopotamian Commerce

Very early in history, the people living in the **TIGRIS & EUPHRATES** valleys developed significant Commerce.

Goods were brought to Ancient Babylon from Arabia, Syria and Persia and a very active trade grew up in gold, silver, metal, grain, wool, and building material.

1912 Dates J-BK

C 30000C

Earliest times

Each man was a law unto himself and he punished offences against himself and righted his own wrongs according to his own strength.

Vengeance was sanctioned by early law. Redress was left to the man & his kin.

Just as soon as the community assumes responsibility of righting the wrongs of others, then the punishment begins

to take in legs rather than a skeleton
or small object.

There was no pressure in setting

deposits in the earliest trials.
This was the indication in evolution
of the court

C 3000 BC

The Chaldeans (or AKKADIANS)
are a non-Semitic race, who come
originally from the mountain country
of Elam, and were formerly the
dominant people of Babylonia.
One of the 4 great cities of SHINAR
was ACCAD. The Babylonians were
indebted to the SUMERO-AKKADIANS
for their cuneiform writing.

religion, and mythology.

3000 BC or more

1912 Dates J-BK

Borley was cultivated.
Found in oldest Egyptian monuments
and in remains of lake dwellers
of Stone Age in Switzerland

3000 BC - 2100 BC

1912 Dates J-BK

Middle Empire in Egypt

A great change spread over
Egyptian architecture. Non-sculptured
temples of a grand and imposing type
were first appearing

3000 BC

1912 Dates J-BK

Biographical inscription of
UNA, found on a slab in the
cemetery of ABYDOS - about 3000 BC

Hymn to USERTESEN III - about 3000 BC

3078 BC

Indus Valley Civilization

3070BC

Egyptian Civilization
North Nile River

3070 BC.

UK

When the bottom of the tombs were dug through there was found numerous clay tablets, which were covered with characters of a much older type than the inscriptions on the graves.

These were 2 or 3 centuries older than the tombs of Kings (c. 2,800 BC)

3000BC

There has been digging for copper and
turquoise in the Sierra mountains
since 3000 BC

3000 BCE

UR was the capital city of the Sumerian people.

The Ziggurat was surrounded with Temples; one in honor of NIN-GAL goddess of the moon. She was wife of NANNAR.

The sacred precinct was not reserved exclusively for the worship of gods.

The priests had many other things to do besides their sacrifices. They collected

tithes and taxes. Every payment was noted on a little
clay tablet. The amounts received were noted by
scribes weekly, monthly and yearly totals
Taxes were paid in kind. Oil, cereals, fruit, wool and
cattle. Many goods were manufactured in factories
owned by the temple. Priests managed spinning-
mills. One workshop produced 12 different kinds of
fashionable clothing. Tablets gave the names of the
mill-girls

3000BC ~ 2000BC

I AM LAMGI-MARI ... KING OF
MARI ... the great ... ISSAKKV ... who
worships his statue ... of ISHTAR

3000 BC → 2000 BC →

MARI

The mammoth building covered almost 10 Acres. It was palace of kings of MARI

There were 24,000 documents found.

A statue of King LAMGI-MARI was found

(on West bank of Euphrates N.W. of Babylon
S.W. or nearly W of Ashur)

Important messages were sent by means of fire signals from the frontier of Babylon right up to present day Turkey in a matter of a few hours - a distance of more than 300 miles.

25 gods made up the MARI pantheon.
The inhabitants of MARI were AMORITES who had been settled there for a long time.

3000 BC

The Babylonian EN VMA Elish goes
back as far as Sumerian stories
of c 3000 BC reflecting in its stories
of convulsive divine conflict
the unpredictable, perilous weather
and river conditions of the Mesopotamian
plain

3000BC

Phoenicia corresponds roughly with the modern state of Lebanon, comprising Mounts LIBANUS and Anti-Libanus (both rich in ship-building timber), the productive BEKAA valley enclosed between two ranges, and the seaboard between the River ELEUTHERUS (Nahr el KEBIR) to the north and ACE (AKKO, ACCEL) to the south. The Phoenicians who probably arrived in their country in c 3000 BC, were

the last surviving independent canoeists - the

designation by which they denoted themselves, the

term 'Pescadore' came from an Egyptian word

meaning 'Araucan' but was interpreted, when it

appeared in French, as meaning 'red skin', although

the reference may be rather to the local purple dye

(murex)

3000 - 1800 BC

Pyramids of Egypt

The only surviving Wonder. West bank of Nile above Cairo. Built as royal tombs.

Khufu estimated to contain 2.3 million blocks of stone averaging $2\frac{1}{2}$ Tons and some weighing 30 Tons. Reputedly took 100,000 twenty years to build.

C 3000 BC

Mankind has been using NAILS for the last 5000 yrs or so. Nails are known to have been used in UR (Ancient IRAQ) to fasten together sheet metal. Before 1500 nails were made by hand.

c 3000 BC

Bricks are the oldest manufactured building material. Egyptians used them 7000 yrs ago

5000 yrs ago = 3000 BC

A man died high in the Alps.
The Cold etc preserved him & his
stuff.

He was discovered in 1991
They named him Ötzi the
Ice Man.

He was over 40 and perhaps
closer to 50 when he died.

See Natl Geo June 1993 & Aug 97

GUDEA, A Chief of the AGADE, built
palaces at TEL-LO.

Statues of GUDEA, of colossal size,
made from dolomite brought
from Arabia - still exist. (1912)

c3000 BC

1912 Dates J-BK

Egypt
Seat of the government was
changed from Memphis to
HERAKLEOPOLIS.

3000 BC

Memphis, Egypt

Built on land reclaimed from the Nile R. the city of Memphis was founded around 3000 BC by King Menes who unified Upper and Lower Egypt.

C 3000 BC

The rising of Sirius occurred earlier
in the year (than it does now) (now
Aug 20) - near the time of summer
solstice

C 3000 BC

Stonehenge was started soon after 3000 BC as a circular site defended by a low bank with a large external ditch.

3000 B.C.

Precise astronomical observations
were being made.

3000 BC → 1930 BC

on Cuto
messein

Following the Neolithic was the prepalatial Bronze Age or Early Bronze Age lasting from about 3000 BC to 1930 BC.

3 trends helped create social conditions needed for the establishment of palaces ① Establishment of closely knit agricultural settlements ② portable

development within the tightly knit
communities of smaller, extended families which
formed part - units of the village. ③ Establishments
of business, defined as being for sale or
particular achievement
The former have been close together & related to the
fields

Q 3000BC

Enc. Batt.

The lunisolar Cal. in which
months are lunar but years
are solar was probably invented
in Mesopotamia.

Study of Cuneiform tablets
found in this region facilitates
tracing back to 2700 BC
near invention of writing.
BUT Egypt used pure solar

3000 BC \rightarrow 1000 BC
5000 to 3000 yrs ago

Camels were domesticated

C 3000 BC

The Babylonians developed a yr
of 360 days, then divided it into
12 lunar months of 30 days each

Babylonian astronomers knew the
true number of days in a year, but
kept it at 360 because their priests
insisted the number possessed
magical properties

3000 BC
5000 yrs ago

Noah's Ark? Flood?

Christian version - Noah's Ark
is on Mt Ararat

Modern tradition puts the landing
of the Ark on another mountain
in Turkey

3000 BC

By 3000 BC Copper displaced stone for tools and weapons

Small Cereals

Radiation

30-40) Maximum

Seed

Survival
Cryopreservation

Water & Wast

3000 BC

One figurine in Egypt
dating to about 3000 BC shows
a man beside his kneeling
CAMEL.

C 3000 BC

Early in 3rd Millennium BC

Not long after the unification of Upper and Lower Egypt and the creation of the pharaonic dynasties, a second Cal. was introduced by Egyptian scribes. Commerce demanded a more uniform Cal. for civic affairs.

This 365-day solar Cal. came into use early in 3rd millennium BC. It was divided into 12 months.

each by definition 30 days long. Each today
period was split into three 10-day
intervals. These are called decades. These
36 decades + 5 extra days at end, make
out the civil year. By ignoring $\frac{1}{4}$ day/yr the civil year
would keep lockstep and about a day
earlier every four years.
The reason the moon made no
difference

3000 BC

Ruled by newly powerful
leaders, the 1st King, cities
became city-states. With lance
and shield, they clash for power.
Trade blossoms with culture
in Anatolia, Syria, Persia,
and Indus valley.

^c
3000 BC

Neolithic Age. Indo-Europeans
living in north central Europe.

Indo-European undifferentiated
except dialectally

3000 BC → 500 BC

Indo-European
Proto-Germanic

Extensive migrations of Indo-European speakers to India, Greece, and western Europe.

Differentiation of Indo-European language families including Germanic. Earliest documents in Sanskrit, Greek, etc.

Dec 21, 3000 BC

Our Ancestors once assembled on Salisbury Plain on Dec 21, 5000 yrs ago at the megalithic monument known as Stonehenge. The stones had been quarried, shaped, and carted by sledge all the way from the Prescelly Mountains in Wales, a distance of 135 miles (cross flus). They

they came & worship their gods of nature -
the SUN and MOON.

On that night they watched the
FULL moon rise close to Stonehenge's
main accessway.

The rising full moon completes
a cycle of arrivals and departures
along the east horizon every 19 years.

Q 3000 BC

Each Egyptian month was
divided into 3 10-day intervals

3000 BC

The Amorites of northern Syria had spread out from their homeland & were to be found in cities throughout Mesopotamia. They were a Semitic people (Semites are people who speak Semitic languages)

Many preferred a nomadic life migrating seasonally with their flocks in search of grazing and water.

This is the background of Abraham,
traditional forefather of Israel. It should
be noted that not all scholars think
of him as a historical personage

C 3000 → BC

Early Dynastic Period - Dynasties 1 & 2

Unification of Eg ypt.

Memphis founded.

Early tombs at SAQQARA

And ABYDOS

Development of Solar Calendar

In Egypt, a purely lunar Cal could & did occasion considerable administrative inconvenience. To overcome these disadvantages the Egyptians devised a schematic lunar year. They did this by calculating the average number of days in a year and dividing them into a standard number of months of regular length.

Each month was given 30 days. This left 5 days which were placed between the end of the old year and the beginning of the new. in the same way as an intercalary month when it was needed in the lunar Cal.

This civil Cal. was used for administrative & fiscal purposes. It did not wholly replace the older lunar Cal. which remained the basis for fixing religious festivals.

Each of the 12 months was divided into 3 parts of 10 days each (called decades).

C 300BC

Pairs of oxen were joined by a
yoke pulling plow in Mesopotamia

throughout its history, Egypt used several different calendars. All were linked in some way to the original lunar calendar, and in none of them except the civil calendar was anything other than observation ever used to fix the beginning of the months.

3000 BC \rightarrow 1900 BC

Warmer Climate

3000 BC

Glass was discovered around 3000 BC and was used by wealthy Romans to glaze at least some of their windows. It long remained a luxury.

3000 BC

(Catholic Encey. Cath. Encey)

From earliest times the Sumerians and then the AKKADIANS used a Cal. with 12 months of 29 or 30 days. Each month was begun when the new moon was sighted & proclaimed.

C377B0 → C257D

90000 - Early Hellenic Period

C35mBC

Crete

C35mBC \rightarrow C28mBC

Neolithic period

3050 BC

Megalithic structures appear
in Western Europe around
3050 BC

Southern Spain & Portugal

C3000BC → 2500BC

c3000 - Palette of Narmer

Early Dynastic Period
Dynasties I & II

C3070BC

Conasmites settling in Palestine
Neneveh is a trading City

3000 BC

Egypt (lunar/solar)

The oldest Cal was a lunar one that counted 12 lunations, beginning with the heliacal rising of the star SIRIUS. Beginning 3000 BC \pm a solar Cal. was introduced - at least for civil purposes.

Starting with the same New Year's Day the yr contained 12 mos of 30 days ea. with 5 "intercalated" days. No allowance was made for leap day.

At first months were designated by numbers, but were later named after the feast day that occurred in them. The 7-day week was unknown in Egypt.

Days were reckoned from morning to morning.

3000 BC

Egypt
Egyptians have seagoing ships
They make great progress in
woodworking, paper making,
weaving, glassmaking, metal
working, pottery & painting.
Portrait sculpture.

3000 BC

By this time Sumerians had
built a civilized state in Babylonia
c. 3000 BC. Egyptians used metal
tools and weapons.

Rise of Cretan Civilization
Book of Dead in Egypt already
venerable.

3000BC \rightarrow 2500BC

Age of pyramid building

by 3000 BC

Written evidence shows a
calendar written by the Sumerian
civilization of southern Iraq.

A relatively simple calendar of
two seasons.

They added an intercalary
lunar month whenever it was
needed to keep this system in step
with reality by 21st Century BC

c 3000 BC

metals (copper) discovered, probably
in peninsula of Sinai (as early as 4000 BC)
introduced in southeastern Europe
about 3000 BC

Bronze Age begins.

3070BC

Congoite setting in Palstone
Nenevich is a trading city

3077BC

Egypt

Book of the Dead Already venerable
Egyptians have sea-going ships
had progress in workmaking, in
paper making, in weaving, in
glassmaking, in metal working,
in pottery and in painting.
Portrait sculpture -

C3070B2

People use metal tools and weapons.

Rise of Cretan Civilization

30703c

Sumerians had built a civilized
state in Babylonia

3000 BC - 2500 BC

Egypt
Age 7 pyramid building

3000 BC - 1100 BC

Minoan Civilization
Island of Crete
City - Knossos

3000 BC - 1500 BC

Indus Valley Civilization
Pakistan, Northwestern India
Cities -

3000 BC

It was not until 3000 BC
that we retreated to its present
location; by then human beings
were establishing cities all over the
Middle East.

c 3000 BC

the first city of Troy
was already built

30TDBE

Earliest Cal for which we have
written records invented by Sumner,
(of southern IRA6)

2 seasons (Winter & Summer)
divided into 12 months of 29 or
30 days each.

Regulated by actual observation of
the moon, with each new month
beginning on the EVENING of the

disappearing crescent moon.

They added an intercalary month
whenever necessary

C 3000 BC

CELTS

Asiatic nomadic steppe
peoples, among them the Kurgan
people, tame the horse!

3. table

The discovery of Papyrus. Shortly after books took the form of sheets of papyrus inscribed with hieroglyphics rolled around cylindrical shafts of wood. Several such scrolls lying flat in a box or standing upright in an easel were put together to constitute a book.

By 3000 B.C.

The Sumerians had created
a civilization of independent
city-states in Mesopotamia in
South.

c 3000 BC \rightarrow 2500 BC

In Greece: Early Helladic Period I

C 3000hC

Unifying Upper & Lower Egypt C 3000.

3000 BC

Excavation of a nearly 5,000 yr old tin mine in TURKEY provide the first evidence of intensive local production of the metal in the middle East during the Bronze Age, a University of Chicago archaeologist announced last week.

C3000 BC

CRETE